Zeroprode

$(a+6)(a-6) = a(a-b$

$a^2+6^2 = a^2-a6$

$(a+6)(a-b) = a(a-6)$

$a+6 = a$

$CH_4 + 2O_2 \rightarrow CO_2 + 2H_2O$

$2Na + 2H_2O \rightarrow 2NaOH + H_2$

$\frac{mass \times \Delta Temp}{grams}$

$\frac{-5 \pm \sqrt{25+36}}{2}$

$\frac{55}{8x = 4x \cdot 2}$ $20 = 10$

QED

x	0	$\frac{\pi}{6}$	$\frac{\pi}{4}$	$\frac{\pi}{3}$	$\frac{\pi}{2}$	$\frac{2\pi}{3}$	$\frac{3\pi}{4}$	$\frac{5\pi}{6}$	π	$\frac{7\pi}{6}$	$\frac{5\pi}{4}$	$\frac{4\pi}{3}$	$\frac{3\pi}{2}$	$\frac{5\pi}{3}$	$\frac{7\pi}{4}$	$\frac{11\pi}{6}$
$y=\sin(x)$	0	.5	.7	.9	1	.9	.7	.5	0	-.5	-.7	-.9	-1	-.9	-.7	-.5

$\frac{\sqrt{2}}{2}$ $\frac{\sqrt{3}}{2}$

.9 .7 .5 0 -.5 -.7 -.9 -1 -.9 -.7 -.5 0 .5 .7 .9

$\sqrt{2} = 1.414$ $\sqrt{3} = 1.732$ $\frac{\sqrt{2}}{2} = .7$ $\frac{\sqrt{3}}{2} = .9$

IT JUST

$\cos 45 = \frac{\sqrt{2}}{2} = \sin 45$

$\sin\theta = \cos 90-\theta$ $\tan\theta = \cot 90-\theta$ $\sec = \csc 90-\theta$

$\tan\theta = \frac{\sin\theta}{\cos\theta}$ $\cot = \frac{\cos\theta}{\sin\theta} = \frac{1}{\tan\theta}$

$\sec = \frac{1}{\cos\theta}$ $\csc = \frac{1}{\sin\theta}$ $\sin\theta = \frac{y}{r}, \cos\theta = \frac{x}{r}$

$\sin^2\theta + \cos^2\theta = 1$ $\csc^2 - \cot^2 = 1$ $\frac{\cos^2}{\sin^2}$

$\tan^2\theta + 1 = \sec^2\theta$ $\tan^2\theta - \sec^2\theta = -1$

$\cot^2\theta + 1 = \csc^2\theta$ $\sec^2\theta - \tan^2\theta = 1$

$(\cos\theta - \sin\theta)^2 = 1 - (2\sin\theta \cdot \cos\theta)$

$\cos^2\theta + \sin^2\theta - 2\cos\theta \cdot 2\sin\theta = 1 - 2\sin\theta\cos\theta$

$1 - (2\cos\theta \cdot 2\sin\theta) = 1(2\sin\theta \cdot 2\cos\theta)$ ✓

$4\cos^2\theta - 4\cos\theta + 1 = 0$

$(2\cos\theta - 1)(2\cos\theta - 1)$

$\theta = 60, 300, 60, 300$

$\frac{\pi}{3}, \frac{5\pi}{3}$

CK